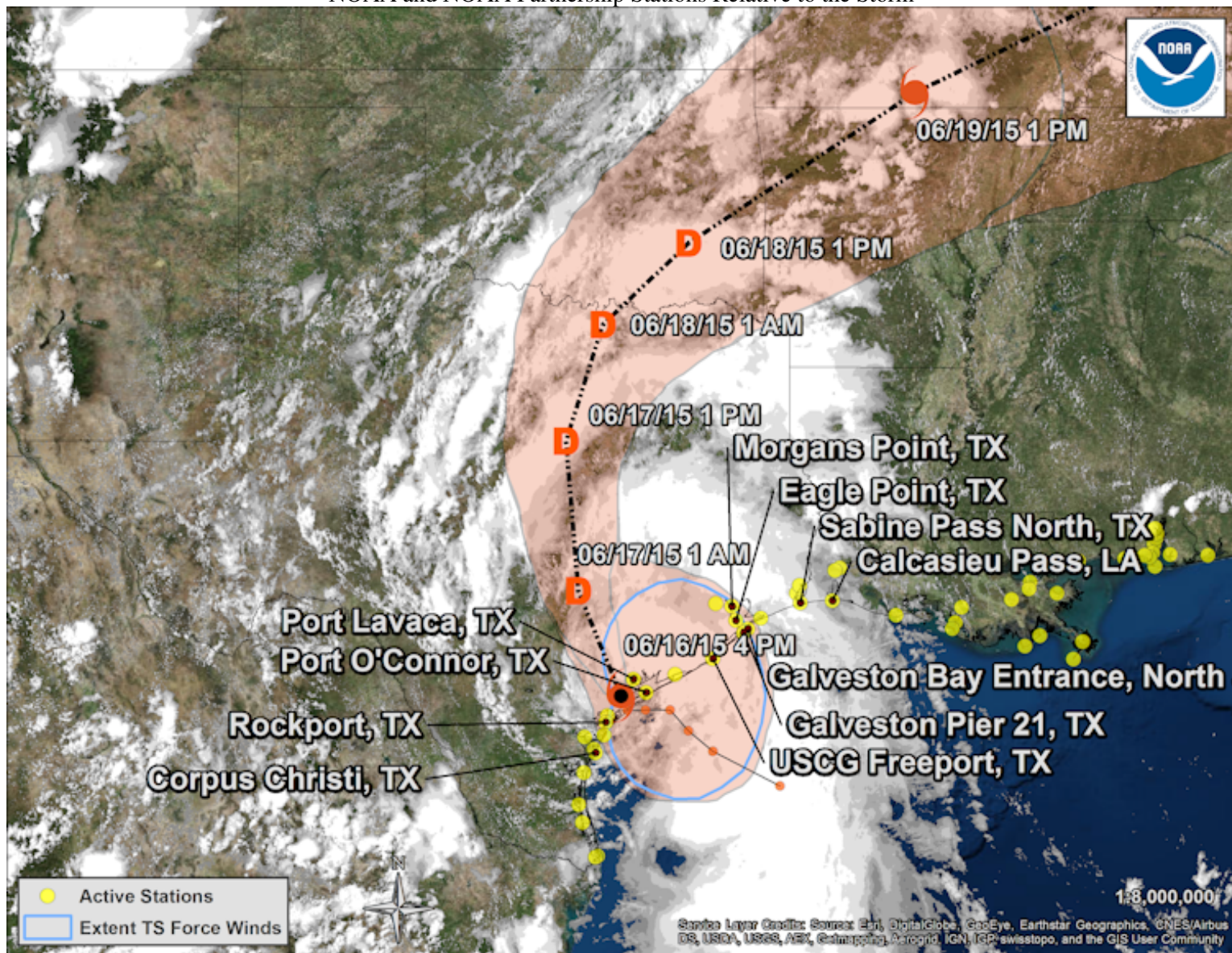




Tropical Storm BILL QuickLook
Posted: 17:00 CDT 06/16/2015

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 06/16/2015 17:00 CDT, water levels from southern Texas to western Louisiana are elevated and range between 1.4 and 2.8 feet above tidal predictions. Strongest winds are being observed at Port Lavaca, Port O'Connor and Freeport with gusts up to 40 kts in the last hours. Barometric pressure is slowly falling or has leveled at some places across the region.

Tropical Storm BILL QuickLook, POSTED 17:00 CDT 06/16/2015

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: KG

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM BILL ADVISORY NUMBER 4

NWS NATIONAL HURRICANE CENTER MIAMI FL

0400 PM CDT TUE JUN 16 2015

...BILL BEGINS TO WEAKEN AS IT MOVES NORTH-NORTHWESTWARD...
...FLOODING THREAT CONTINUES...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

The Tropical Storm Warning has been discontinued south of Port Aransas and north of San Luis Pass.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Tropical Storm Warning is in effect for...

* Port Aransas to San Luis Pass Texas

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

DISCUSSION AND 48-HOUR OUTLOOK

At 400 PM CDT, the center of Tropical Storm Bill was located near latitude 28.4 North, longitude 96.8 West. Bill is moving toward the north-northwest near 9 mph. This general motion is expected to continue tonight, followed by a turn toward the north on Wednesday.

Maximum sustained winds have decreased to near 50 mph with higher gusts. Additional weakening is forecast during the next 48 hours, and Bill is expected to become a tropical depression by Wednesday morning.

Tropical-storm-force winds extend outward up to 150 miles from the center, mainly to the northeast and east of the center.

During the past hour, a wind gust to 41 mph was measured at Palacios and Galveston, Texas. Several offshore oil rigs

continue to report sustained tropical-storm-force winds.

The estimated minimum central pressure based on nearby surface observations is 999 mb.

HAZARDS AFFECTING LAND

RAINFALL: Bill is expected to produce total rain accumulations of 4 to 8 inches over eastern Texas and eastern Oklahoma and 2 to 4 inches over western Arkansas and southern Missouri, with possible isolated maximum amounts of 12 inches in eastern Texas.

WIND: Tropical storm conditions are occurring within the warning area to the northeast and east of the center.

STORM SURGE: The combination of a storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters. The water could reach the following heights above ground if the peak surge occurs at the time of high tide...

Upper Texas coast...2 to 4 feet

Western Louisiana coast...1 to 2 feet

The deepest water will occur along the immediate coast near and to the right of the landfall location. Surge-related flooding depends

on the relative timing of the surge and the tidal cycle, and can vary greatly over short distances. Recent reports indicate that the water level at Port Lavaca, Texas, is about 3.5 feet above normal. For information specific to your area, please see products issued by your local National Weather Service forecast office.

TORNADOES: A few tornadoes may occur over parts of southeast and east central Texas and western Louisiana tonight through early Wednesday.

Forecaster Stewart

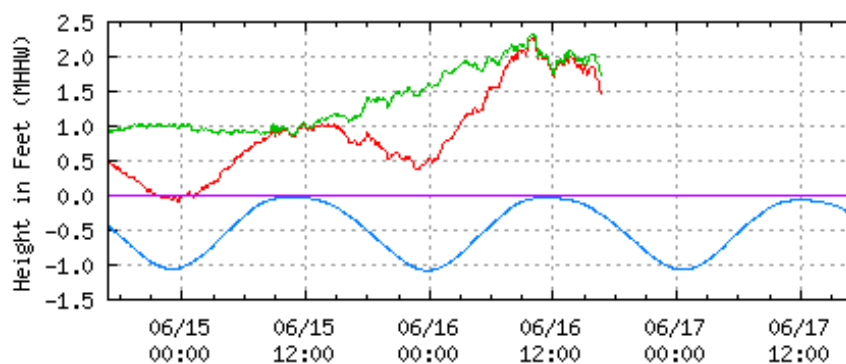
For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Port O'Connor \(TCOON\) - Water Level](#), [Port O'Connor \(TCOON\) - Winds](#), [Port Lavaca \(TCOON\) - Water Level](#), [Port Lavaca \(TCOON\) - Winds](#), [USCG Freeport - Water Level](#), [USCG Freeport - Winds](#), [USCG Freeport - Barometric](#), [Rockport - Water Level](#), [Rockport - Winds](#), [Galveston Bay Entrance, N Jetty \(TCOON\) - Water Level](#), [Galveston Bay Entrance, N Jetty \(TCOON\) - Winds](#), [Galveston Bay Entrance, N Jetty \(TCOON\) - Barometric](#), [Galveston Pier 21 - Water Level](#), [Galveston Pier 21 - Barometric](#), [Eagle Point - Water Level](#), [Eagle Point - Winds](#), [Eagle Point - Barometric](#), [Morgans Point - Water Level](#), [Morgans Point - Winds](#), [Sabine Pass North - Water Level](#), [Sabine Pass North - Winds](#), [Calcasieu Pass - Water Level](#), [Calcasieu Pass - Winds](#), [Bob Hall Pier, Corpus Christi - Water Level](#), [Bob Hall Pier, Corpus Christi - Winds](#), [Bob Hall Pier, Corpus Christi - Barometric](#)

Tropical Storm BILL QuickLook, POSTED 17:00 CDT 06/16/2015

NOAA/NOS/CO-OPS 8773701 Port O'Connor (TCOON), TX

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide

Observed WL

(Obs-Pred)

MHHW

Last Observed Sample: 06/16/2015 16:42 (CDT). Data relative to MHHW

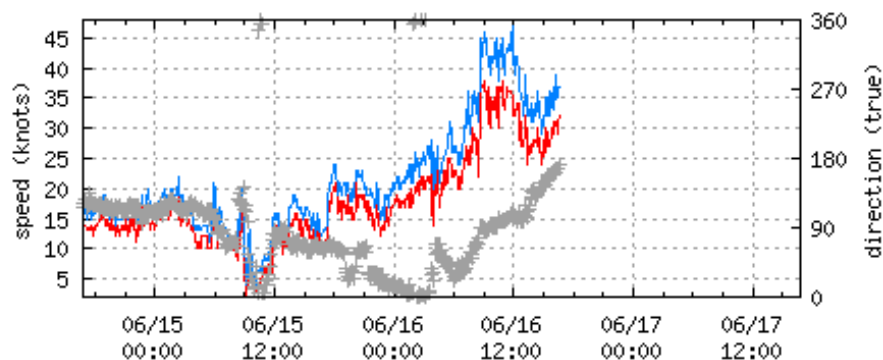
Observed: 1.45 ft. Predicted: -0.27 ft. Residual: 1.72 ft.

Historical Maximum Water Level: n/a

Next High Tide: 06/17/2015 12:01 (CDT), -0.07 ft.

NOAA/NOS/CO-OPS 8773701 Port O'Connor (TCOON), TX

Wind Speed / Gusts / Direction



speed

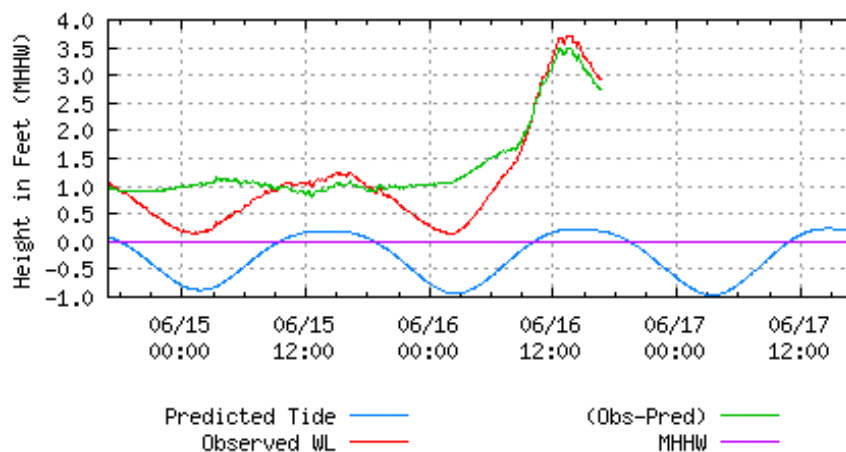
gusts

direction +

Last Observed Sample: 06/16/2015 16:42 (CDT)

Wind Speed: 32 knots Gusts: 38 knots Direction: 177° T

NOAA/NOS/CO-OPS 8773259 Port Lavaca (TCOON), TX
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



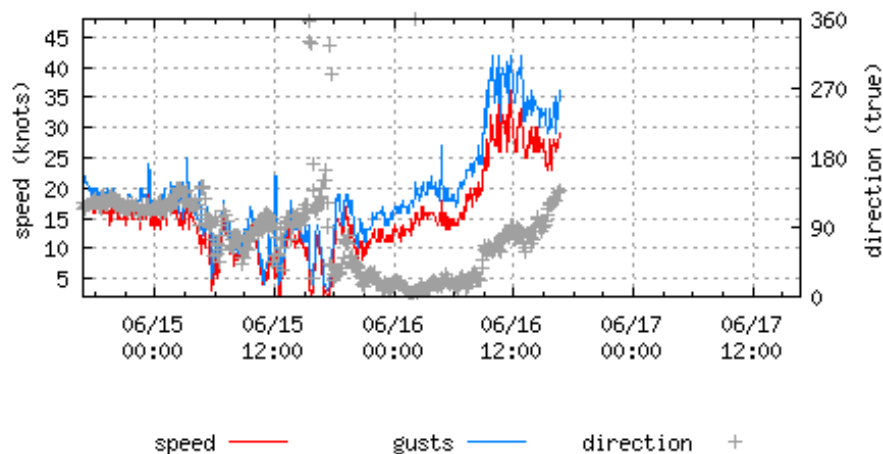
Last Observed Sample: 06/16/2015 16:42 (CDT). Data relative to MHHW

Observed: 2.91 ft. Predicted: 0.19 ft. Residual: 2.72 ft.

Historical Maximum Water Level: n/a

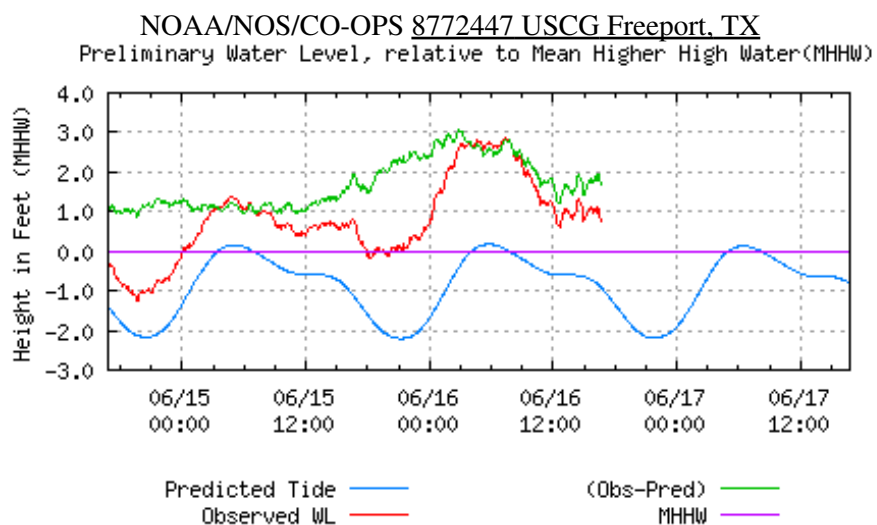
Next High Tide: 06/17/2015 14:42 (CDT), 0.24 ft.

NOAA/NOS/CO-OPS 8773259 Port Lavaca (TCOON), TX
Wind Speed / Gusts / Direction



Last Observed Sample: 06/16/2015 16:42 (CDT)

Wind Speed: 28 knots Gusts: 37 knots Direction: 140° T

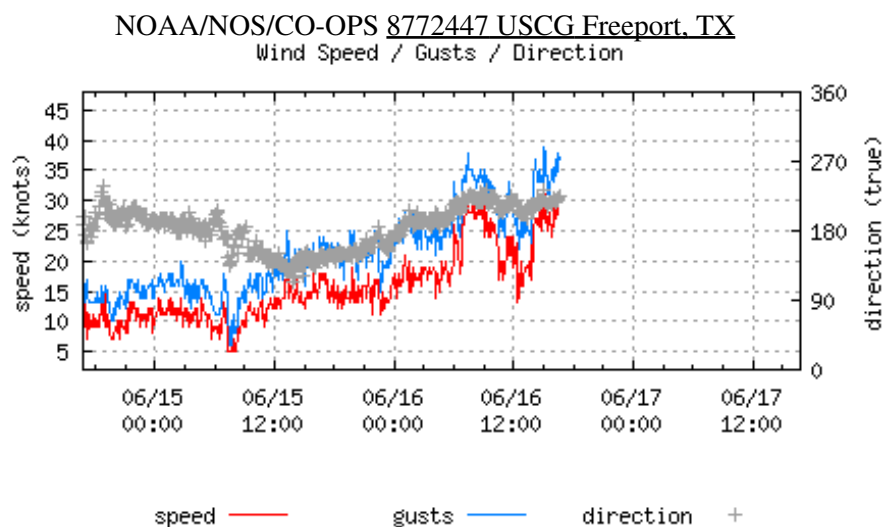


Last Observed Sample: 06/16/2015 16:42 (CDT). Data relative to MHHW

Observed: 0.59 ft. Predicted: -0.93 ft. Residual: 1.52 ft.

Historical Maximum Water Level: Sep 12 2008, 5.58 ft.

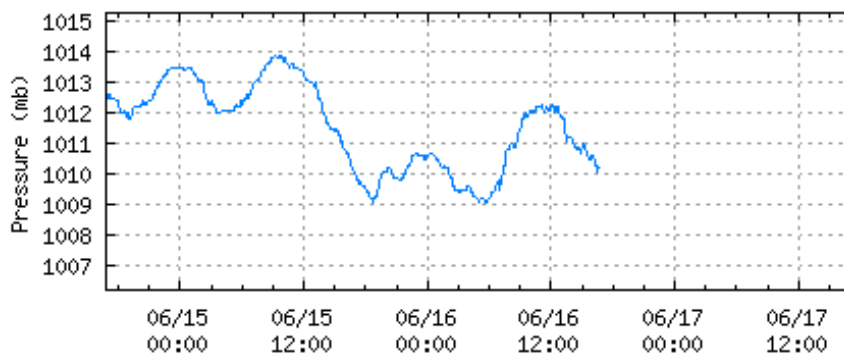
Next High Tide: 06/17/2015 06:27 (CDT), 0.13 ft.



Last Observed Sample: 06/16/2015 16:42 (CDT)

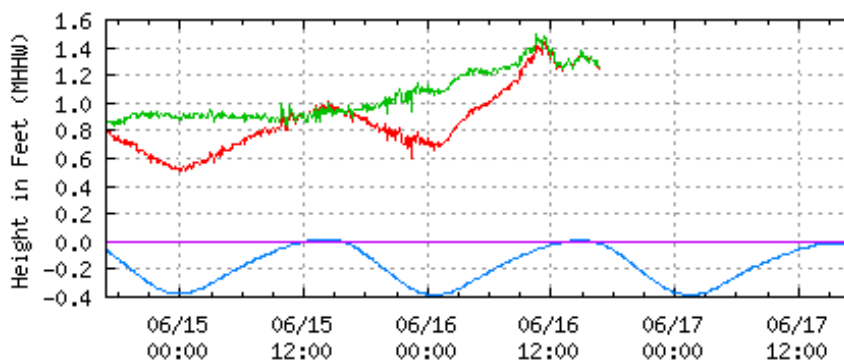
Wind Speed: 29 knots Gusts: 36 knots Direction: 218° T

NOAA/NOS/CO-OPS 8772447 USCG Freeport, TX
Barometric Pressure



barometric pressure —
Last Observed Sample: 06/16/2015 16:42 (CDT)
Barometric Pressure: 1010.2 mb

NOAA/NOS/CO-OPS 8774770 Rockport, TX
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 06/16/2015 16:42 (CDT). Data relative to MHHW

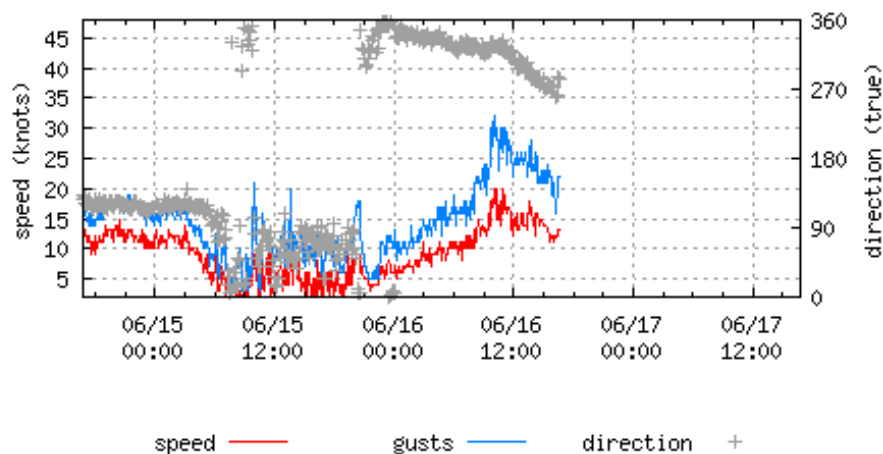
Observed: 1.26 ft. Predicted: -0.01 ft. Residual: 1.27 ft.

Historical Maximum Water Level: Aug 10 1980, 3.73 ft.

Next High Tide: 06/17/2015 15:38 (CDT), -0.01 ft.

NOAA/NOS/CO-OPS 8774770 Rockport, TX

Wind Speed / Gusts / Direction

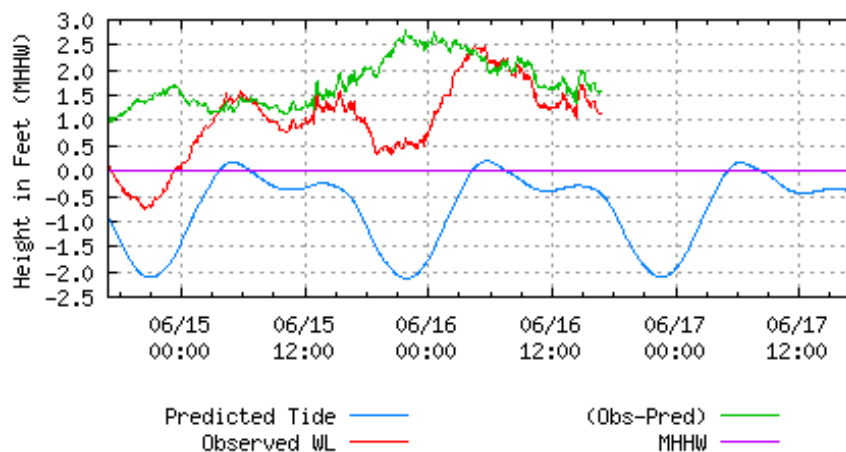


Last Observed Sample: 06/16/2015 16:42 (CDT)

Wind Speed: 12 knots Gusts: 21 knots Direction: 281° T

NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, N Jetty (TCOON), TX

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



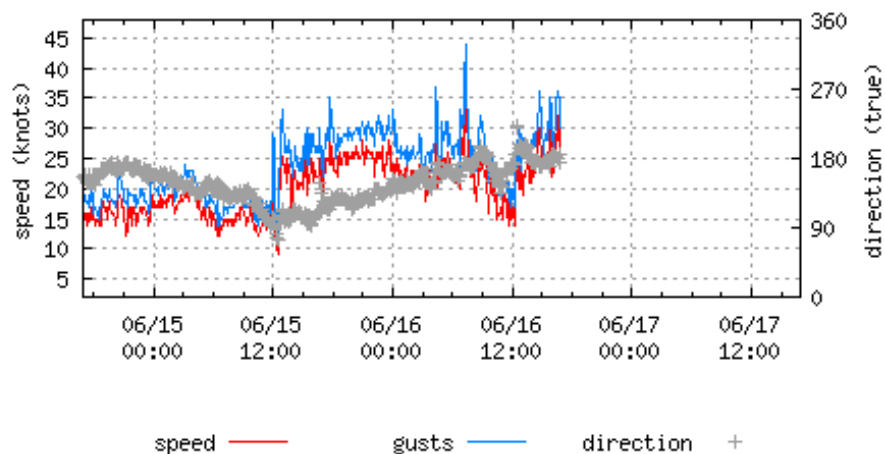
Last Observed Sample: 06/16/2015 16:48 (CDT). Data relative to MHHW

Observed: 1.14 ft. Predicted: -0.46 ft. Residual: 1.60 ft.

Historical Maximum Water Level: Jul 15 2003, 4.08 ft.

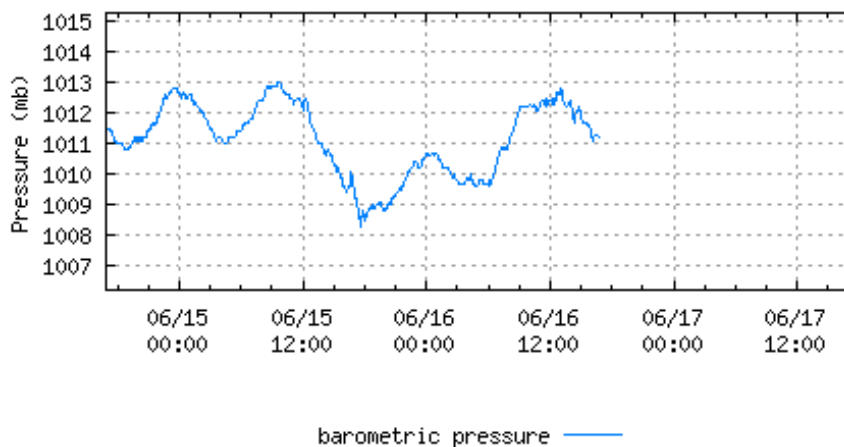
Next High Tide: 06/17/2015 06:18 (CDT), 0.17 ft.

NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, N Jetty (TCOON), TX
Wind Speed / Gusts / Direction

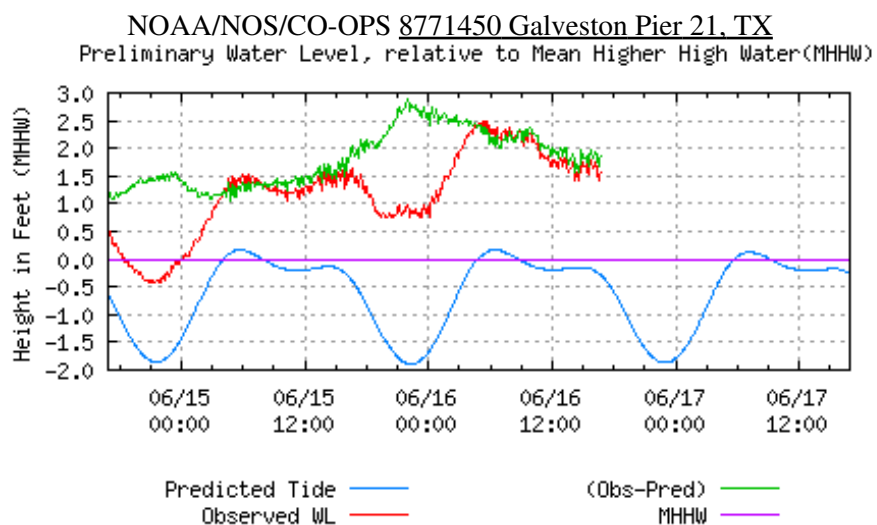


Last Observed Sample: 06/16/2015 16:48 (CDT)
Wind Speed: 24 knots Gusts: 30 knots Direction: 176° T

NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, N Jetty (TCOON), TX
Barometric Pressure



Last Observed Sample: 06/16/2015 16:48 (CDT)
Barometric Pressure: 1011.2 mb

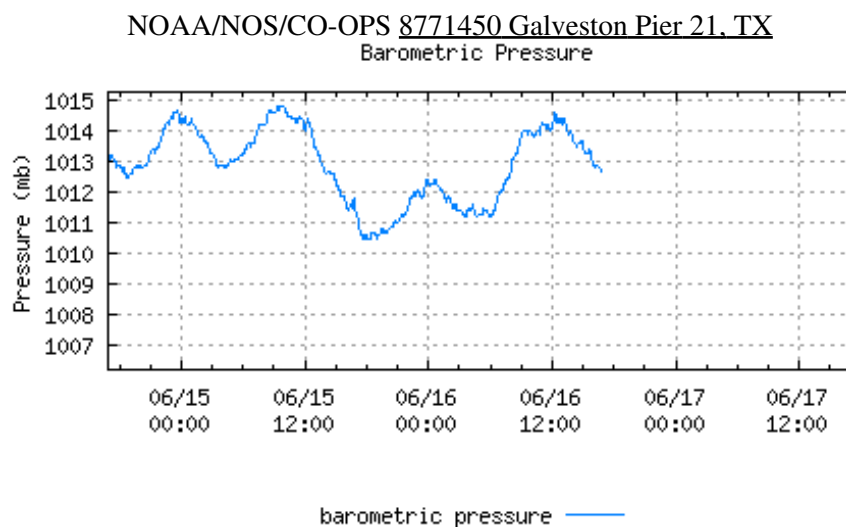


Last Observed Sample: 06/16/2015 16:42 (CDT). Data relative to MHHW

Observed: 1.56 ft. Predicted: -0.29 ft. Residual: 1.85 ft.

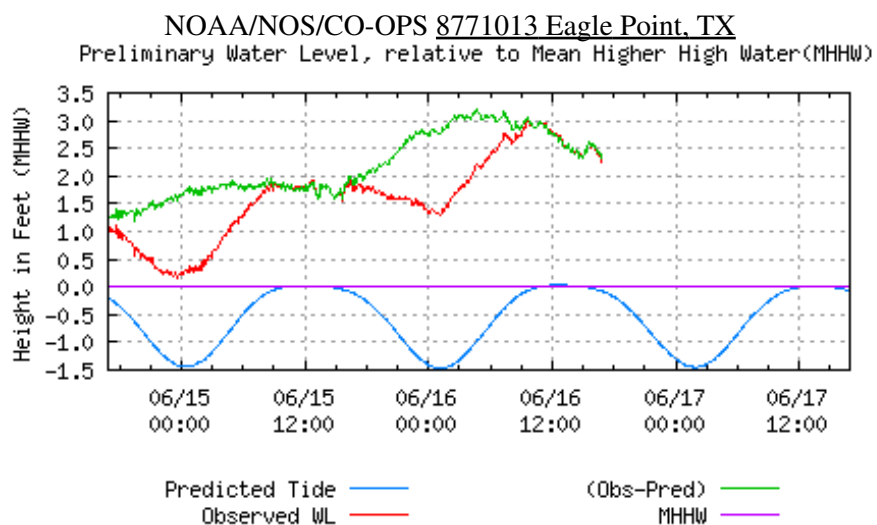
Historical Maximum Water Level: Sep 8 1900, 12.11 ft.

Next High Tide: 06/17/2015 07:10 (CDT), 0.13 ft.



Last Observed Sample: 06/16/2015 16:42 (CDT)

Barometric Pressure: 1012.7 mb

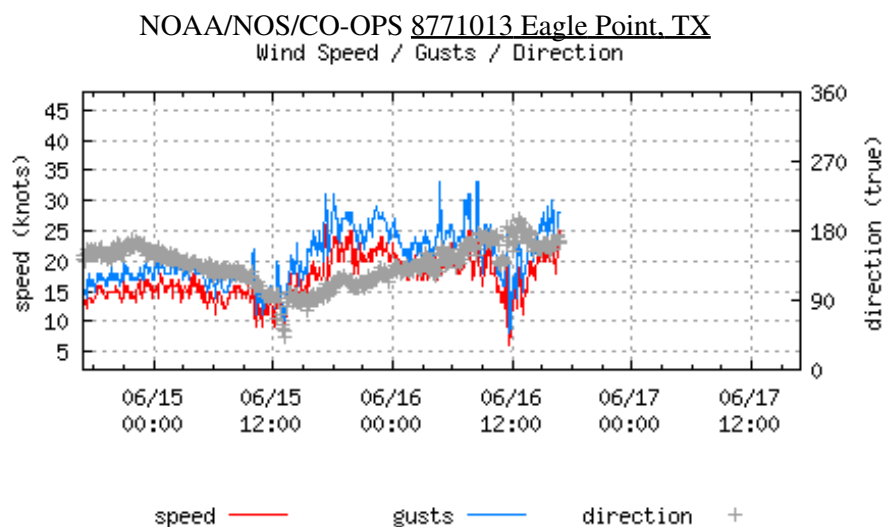


Last Observed Sample: 06/16/2015 16:48 (CDT). Data relative to MHHW

Observed: 2.24 ft. Predicted: -0.08 ft. Residual: 2.32 ft.

Historical Maximum Water Level: Sep 13 2008, 10.76 ft.

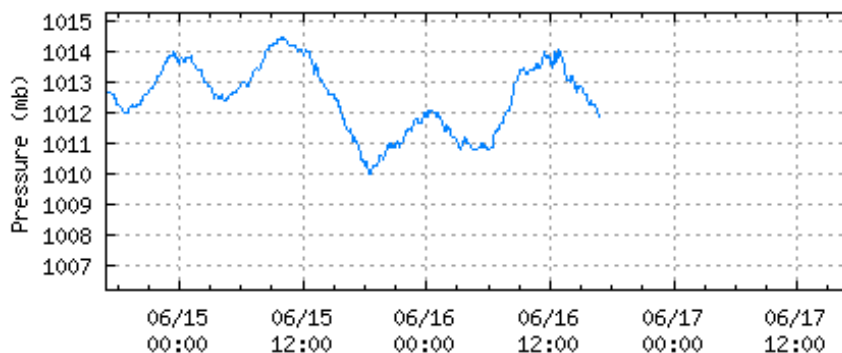
Next High Tide: 06/17/2015 13:25 (CDT), 0.01 ft.



Last Observed Sample: 06/16/2015 16:48 (CDT)

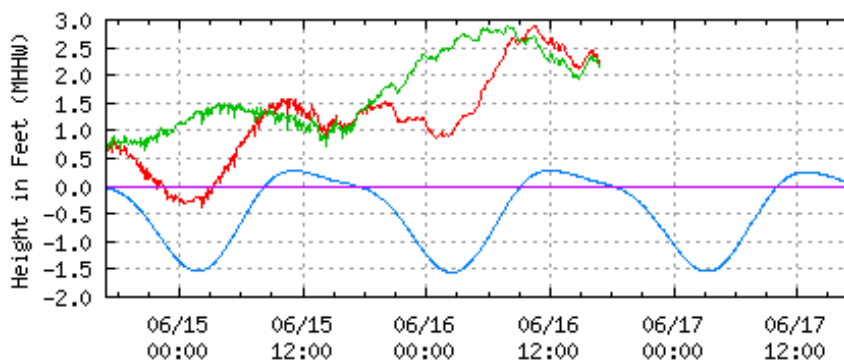
Wind Speed: 25 knots Gusts: 28 knots Direction: 165° T

NOAA/NOS/CO-OPS 8771013 Eagle Point, TX
Barometric Pressure



barometric pressure —
Last Observed Sample: 06/16/2015 16:48 (CDT)
Barometric Pressure: 1011.9 mb

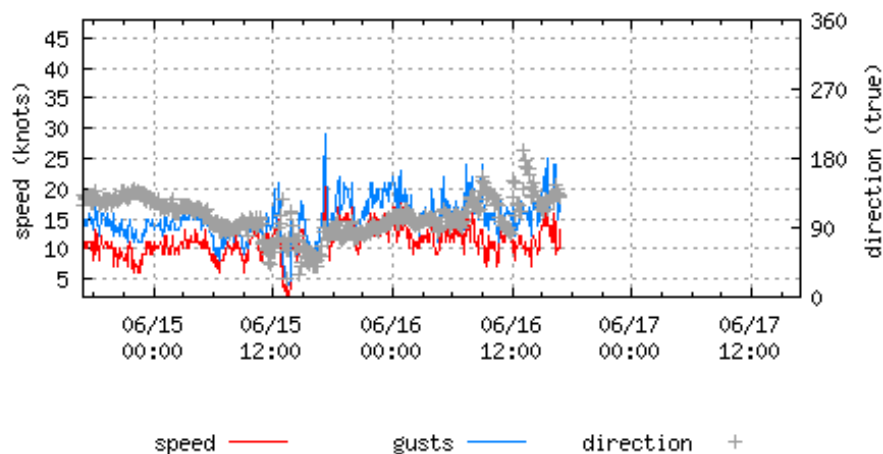
NOAA/NOS/CO-OPS 8770613 Morgans Point, TX
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 06/16/2015 16:48 (CDT). Data relative to MHHW
Observed: 2.20 ft. Predicted: 0.06 ft. Residual: 2.14 ft.
Historical Maximum Water Level: Sep 12 2008, 5.22 ft.
Next High Tide: 06/17/2015 12:53 (CDT), 0.26 ft.

NOAA/NOS/CO-OPS 8770613 Morgans Point, TX

Wind Speed / Gusts / Direction

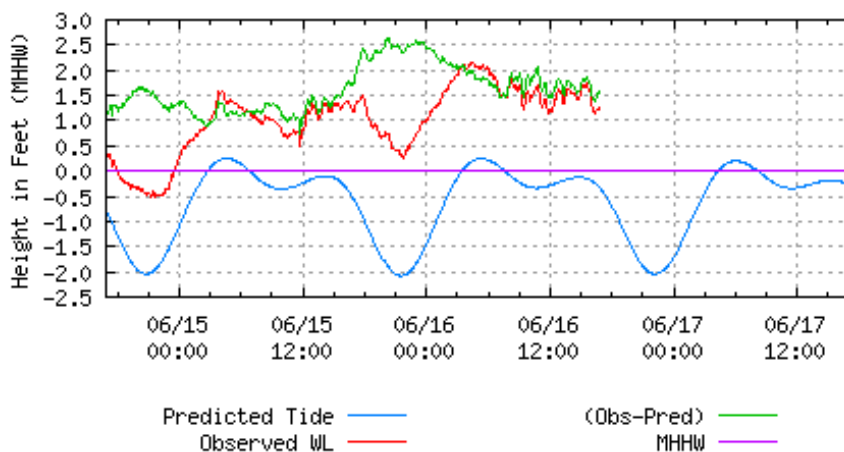


Last Observed Sample: 06/16/2015 16:48 (CDT)

Wind Speed: 13 knots Gusts: 18 knots Direction: 130° T

NOAA/NOS/CO-OPS 8770570 Sabine Pass North, TX

Preliminary Water Level, relative to Mean Higher High Water (MHHW)

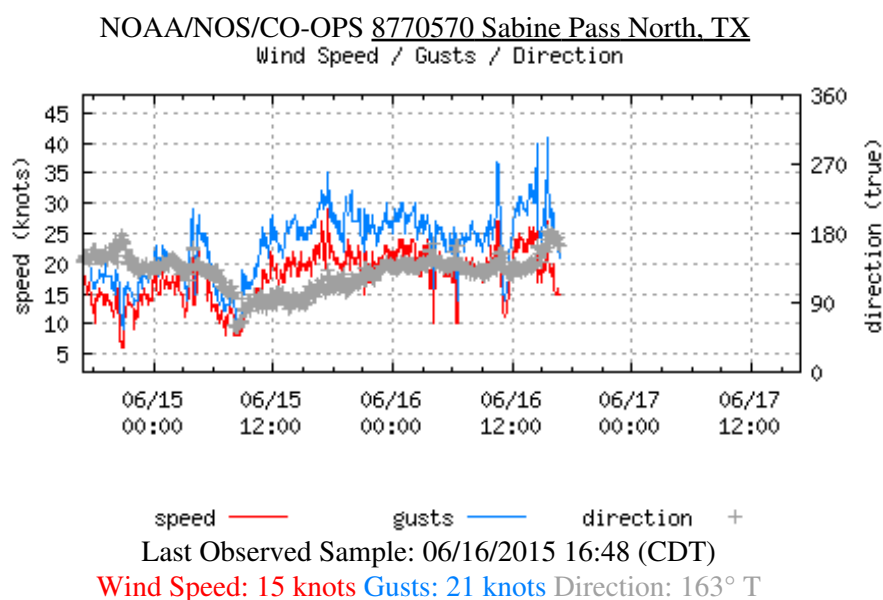


Last Observed Sample: 06/16/2015 16:48 (CDT). Data relative to MHHW

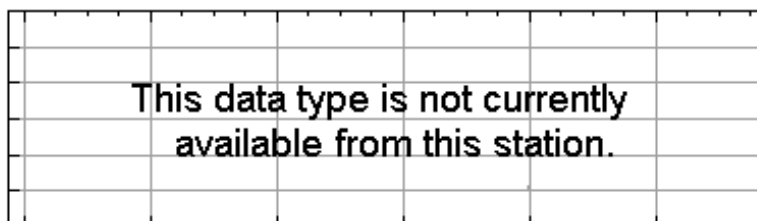
Observed: 1.27 ft. Predicted: -0.33 ft. Residual: 1.60 ft.

Historical Maximum Water Level: Sep 13 2008, 12.71 ft.

Next High Tide: 06/17/2015 06:03 (CDT), 0.20 ft.



NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA
NOAA/NOS/CO-OPS



Last Observed Sample: 06/16/2015 16:42 (CDT). Data relative to MHHW

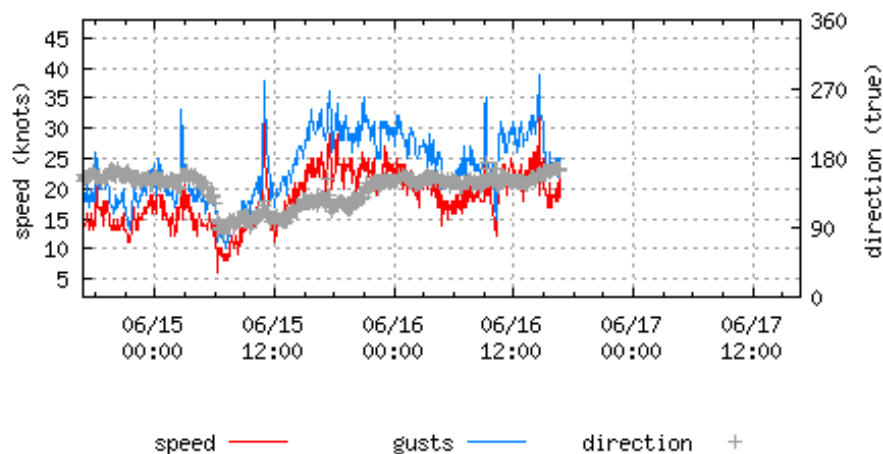
Observed: 1.33 ft. Predicted: -0.44 ft. Residual: 1.77 ft.

Historical Maximum Water Level: Sep 13 2008, 9.96 ft.

Next High Tide: 06/17/2015 05:50 (CDT), 0.22 ft.

NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA

Wind Speed / Gusts / Direction

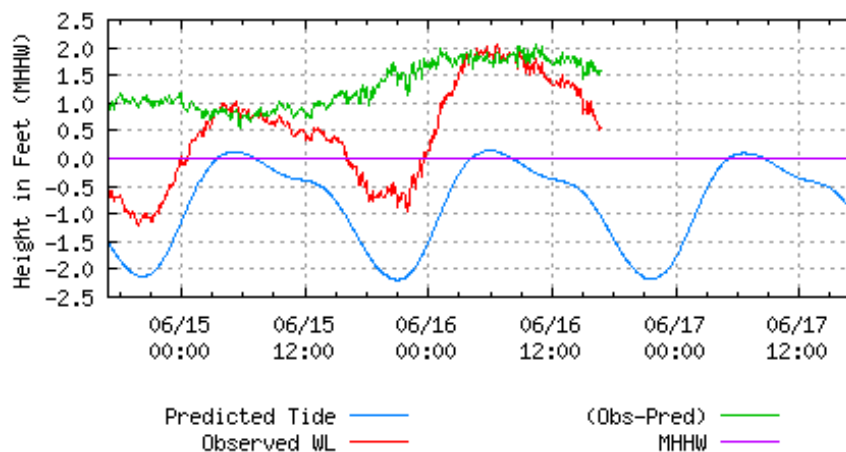


Last Observed Sample: 06/16/2015 16:42 (CDT)

Wind Speed: 22 knots Gusts: 25 knots Direction: 163° T

NOAA/NOS/CO-OPS 8775870 Bob Hall Pier, Corpus Christi, TX

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 06/16/2015 16:42 (CDT). Data relative to MHHW

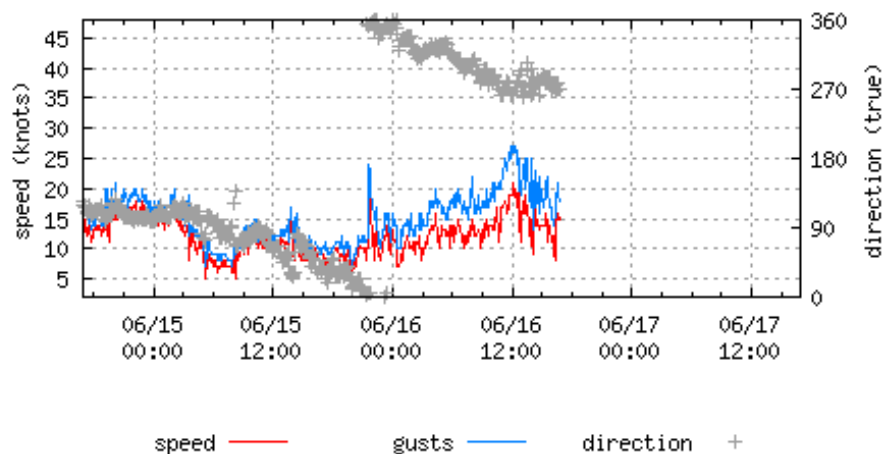
Observed: 0.54 ft. Predicted: -1.04 ft. Residual: 1.58 ft.

Historical Maximum Water Level: Sep 13 2008, 3.98 ft.

Next High Tide: 06/17/2015 06:38 (CDT), 0.10 ft.

NOAA/NOS/CO-OPS 8775870 Bob Hall Pier, Corpus Christi, TX

Wind Speed / Gusts / Direction

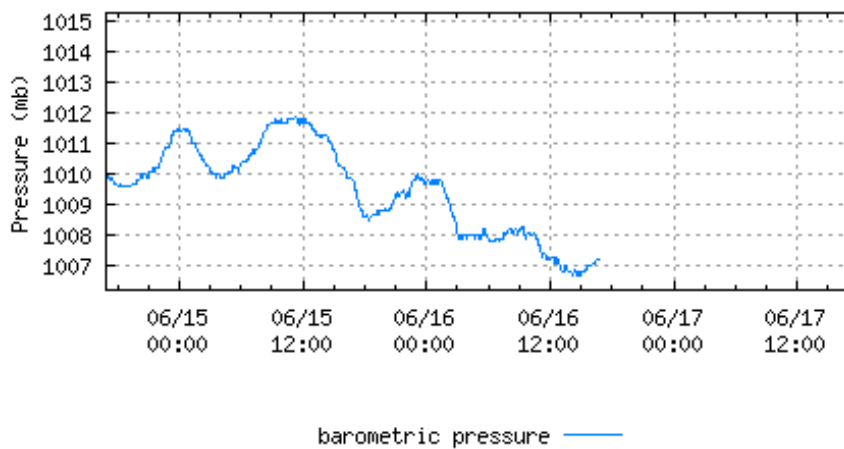


Last Observed Sample: 06/16/2015 16:42 (CDT)

Wind Speed: 15 knots Gusts: 18 knots Direction: 271° T

NOAA/NOS/CO-OPS 8775870 Bob Hall Pier, Corpus Christi, TX

Barometric Pressure



Last Observed Sample: 06/16/2015 16:42 (CDT)

Barometric Pressure: 1007.2 mb

Tropical Storm BILL QuickLook, POSTED 17:00 CDT 06/16/2015

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8773701	Port O'Connor (TCOON), TX	06/16/2015 16:42 (CDT)	1.45 ft	-0.27 ft	1.72 ft	2.29 ft
8773259	Port Lavaca (TCOON), TX	06/16/2015 16:42 (CDT)	2.91 ft	0.19 ft	2.72 ft	3.72 ft
8772447	USCG Freeport, TX	06/16/2015 16:42 (CDT)	0.59 ft	-0.93 ft	1.52 ft	2.88 ft
8774770	Rockport, TX	06/16/2015 16:42 (CDT)	1.26 ft	-0.01 ft	1.27 ft	1.44 ft
8771341	Galveston Bay Entrance, N Jetty (TCOON), TX	06/16/2015 16:48 (CDT)	1.14 ft	-0.46 ft	1.60 ft	2.47 ft
8771450	Galveston Pier 21, TX	06/16/2015 16:42 (CDT)	1.56 ft	-0.29 ft	1.85 ft	2.48 ft
8771013	Eagle Point, TX	06/16/2015 16:48 (CDT)	2.24 ft	-0.08 ft	2.32 ft	2.98 ft
8770613	Morgans Point, TX	06/16/2015 16:48 (CDT)	2.20 ft	0.06 ft	2.14 ft	2.90 ft
8770570	Sabine Pass North, TX	06/16/2015 16:48 (CDT)	1.27 ft	-0.33 ft	1.60 ft	2.17 ft
8768094	Calcasieu Pass, LA	06/16/2015 16:42 (CDT)	1.33 ft	-0.44 ft	1.77 ft	1.88 ft
8775870	Bob Hall Pier, Corpus Christi, TX	06/16/2015 16:42 (CDT)	0.54 ft	-1.04 ft	1.58 ft	2.05 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce